

H4

SEQUENCE LISTING

<110> Aventis Pharma S.A.

<120> SYSTEM FOR REGULATING IN VIVO THE EXPRESSION OF A TRANSGENE BY CONDITIONAL INHIBITION

<130> 03806.0512

<150> FR 00/10730

<151> 2000-08-18

<150> US 60/239,246

<151> 2000-10-11

<160> 11

<170> PatentIn version 3.0

<210> 1

<211> 688

<212> PRT

<213> Homo sapiens

<220>

<221> misc

<222> (1)..(688)

<223> Sequence for PPAR-gamma-2-gamma-2, a modified human PPAR-gamma (P
eroxisome Proliferator Activated Receptor-gamma)

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Phe Thr Asp Thr Leu Ser Ala Asn Ile Ser Gln Glu Met Thr Met Val
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Asp	Thr	Glu ₃₅	Met	Pro	Phe	Trp	Pro ₄₀	Thr	Asn	Phe	Gly	Ile ₄₅	Ser	Ser	Val
Asp	Leu ₅₀	Ser	Val	Met	Glu	Asp ₅₅	His	Ser	His	Ser	Phe ₆₀	Asp	Ile	Lys	Pro
Phe ₆₅	Thr	Thr	Val	Asp	Phe ₇₀	Ser	Ser	Ile	Ser	Thr ₇₅	Pro	His	Tyr	Glu ₈₀	Asp
Ile	Pro	Phe	Thr	Arg ₈₅	Thr	Asp	Pro	Val	Val ₉₀	Ala	Asp	Tyr	Lys	Tyr ₉₅	Asp
Leu	Lys	Leu	Gln ₁₀₀	Glu	Tyr	Gln	Ser	Ala ₁₀₅	Ile	Lys	Val	Glu	Pro ₁₁₀	Ala	Ser
Pro	Pro	Tyr ₁₁₅	Tyr	Ser	Glu	Lys	Thr ₁₂₀	Gln	Leu	Tyr	Asn	Arg ₁₂₅	Asn	Lys	Cys
Gln	Tyr ₁₃₀	Cys	Arg	Phe	Gln	Lys ₁₃₅	Cys	Leu	Ala	Val	Gly ₁₄₀	Met	Ser	His	Asn
Ala ₁₄₅	Ile	Arg	Phe	Gly	Arg ₁₅₀	Met	Pro	Gln	Ala	Glu ₁₅₅	Lys	Glu	Lys	Leu	Leu ₁₆₀
Ala	Glu	Ile	Ser	Ser ₁₆₅	Asp	Ile	Asp	Gln	Leu ₁₇₀	Asn	Pro	Glu	Ser	Ala ₁₇₅	Asp
Leu	Arg	Ala	Leu ₁₈₀	Ala	Lys	His	Leu	Tyr ₁₈₅	Asp	Ser	Tyr	Ile	Lys ₁₉₀	Ser	Phe
Pro	Leu	Thr ₁₉₅	Lys	Ala	Lys	Ala	Arg ₂₀₀	Ala	Ile	Leu	Thr	Gly ₂₀₅	Lys	Thr	Thr
Asp	Lys ₂₁₀	Ser	Pro	Phe	Val	Ile ₂₁₅	Tyr	Asp	Met	Asn	Ser ₂₂₀	Leu	Met	Met	Gly
Glu ₂₂₅	Asp	Lys	Ile	Lys	Phe ₂₃₀	Lys	His	Ile	Thr	Pro ₂₃₅	Leu	Gln	Glu	Gln	Ser ₂₄₀
Lys	Glu	Val	Ala	Ile ₂₄₅	Arg	Ile	Phe	Gln	Gly ₂₅₀	Cys	Gln	Phe	Arg	Ser ₂₅₅	Val
Glu	Ala	Val	Gln ₂₆₀	Glu	Ile	Thr	Glu	Tyr ₂₆₅	Ala	Lys	Ser	Ile	Pro ₂₇₀	Gly	Phe
Val	Asn	Leu ₂₇₅	Asp	Leu	Asn	Asp	Gln ₂₈₀	Val	Thr	Leu	Leu	Lys ₂₈₅	Tyr	Gly	Val
His	Glu ₂₉₀	Ile	Ile	Tyr	Thr	Met ₂₉₅	Leu	Ala	Ser	Leu	Met ₃₀₀	Asn	Lys	Asp	Gly
Val ₃₀₅	Leu	Ile	Ser	Glu	Gly ₃₁₀	Gln	Gly	Phe	Met	Thr ₃₁₅	Arg	Glu	Phe	Leu	Lys ₃₂₀
Ser	Leu	Arg	Lys	Pro ₃₂₅	Phe	Gly	Asp	Phe	Met ₃₃₀	Glu	Pro	Lys	Phe	Glu ₃₃₅	Phe
Ala	Val	Lys	Phe ₃₄₀	Asn	Ala	Leu	Glu	Leu ₃₄₅	Asp	Asp	Ser	Asp	Leu ₃₅₀	Ala	Ile
Phe	Ile	Ala ₃₅₅	Val	Ile	Ile	Leu	Ser ₃₆₀	Gly	Asp	Arg	Pro	Gly ₃₆₅	Leu	Leu	Asn

Val Lys Pro Ile Glu Asp Ile Gln Asp Asn Leu Leu Gln Ala Leu Glu
 370 375 380
 Leu Gln Leu Lys Leu Asn His Pro Glu Ser Ser Gln Leu Phe Ala Lys
 385 390 395 400
 Leu Leu Gln Lys Met Thr Asp Leu Arg Gln Ile Val Thr Glu His Val
 405 410 415
 Gln Leu Leu Gln Val Ile Lys Lys Thr Glu Thr Asp Met Ser Leu His
 420 425 430
 Pro Leu Leu Gln Glu Ile Tyr Lys Asp Leu Tyr Ala Trp Ala Ile Leu
 435 440 445
 Thr Gly Lys Thr Thr Asp Lys Ser Pro Phe Val Ile Tyr Asp Met Asn
 450 455 460
 Ser Leu Met Met Gly Glu Asp Lys Ile Lys Phe Lys His Ile Thr Pro
 465 470 475 480
 Leu Gln Glu Gln Ser Lys Glu Val Ala Ile Arg Ile Phe Gln Gly Cys
 485 490 495
 Gln Phe Arg Ser Val Glu Ala Val Gln Glu Ile Thr Glu Tyr Ala Lys
 500 505 510
 Ser Ile Pro Gly Phe Val Asn Leu Asp Leu Asn Asp Gln Val Thr Leu
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 Leu Lys Tyr Gly Val His Glu Ile Ile Tyr Thr Met Leu Ala Ser Leu
 530 535 540
 Met Asn Lys Asp Gly Val Leu Ile Ser Glu Gly Gln Gly Phe Met Thr
 545 550 555 560
 Arg Glu Phe Leu Lys Ser Leu Arg Lys Pro Phe Gly Asp Phe Met Glu
 565 570 575
 Pro Lys Phe Glu Phe Ala Val Lys Phe Asn Ala Leu Glu Leu Asp Asp
 580 585 590
 Ser Asp Leu Ala Ile Phe Ile Ala Val Ile Ile Leu Ser Gly Asp Arg
 595 600 605
 Pro Gly Leu Leu Asn Val Lys Pro Ile Glu Asp Ile Gln Asp Asn Leu
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 Leu Gln Ala Leu Glu Leu Gln Leu Lys Leu Asn His Pro Glu Ser Ser
 625 630 635 640
 Gln Leu Phe Ala Lys Leu Leu Gln Lys Met Thr Asp Leu Arg Gln Ile
 645 650 655
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uggauccguc gc

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